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Federal-State Cooperative Snow Surveys and Water Supply Forecasts



# OF SNOW COURSES AND SNOTEL SITES

U.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE SNOW SURVEY OFFICE 2490 WEST 26TH AVE. BLDG. A, 3RD FLOOR DENVER, COLORADO 80211

'THE CONSERVATION OF WATER BEGINS WITH THE SNOW SURVEY'



#### Federal-State Cooperative Snow Surveys and Water Supply Forecasts

LIST AND LOCATION
OF
SNOW COURSES
AND
SNOTEL SITES

SOIL CONSERVATION SERVICE 2490 West 26th Ave., Bldg. A, 3rd Floor Denver, Colorado 80211

1987

This Report Prepared By:
Garry L. Schaefer, Snow Survey Supervisor
Michael A. Gillespie, Assistant Snow Survey Supervisor

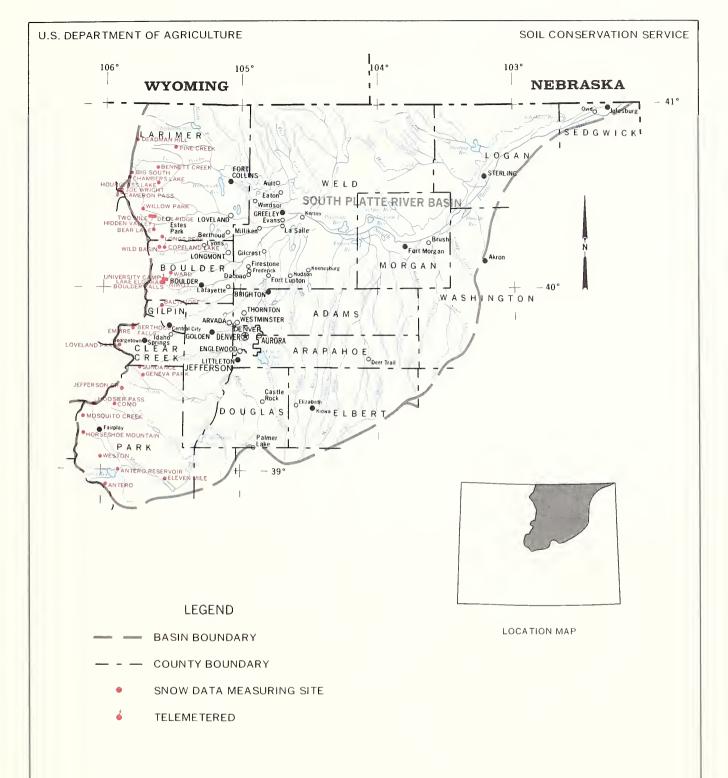
## LIST AND LOCATION OF SNOW COURSES AND SNOTEL SITES IN THE SOUTH PLATTE RIVER BASIN IN COLORADO

SITE NAME	SITE NO.	ELEV.	LAT.	LONG.	SEC.	TWP.	RANGE	SITE CONFIGU- RATION
ANTERO ANTERO RESERVOIR BALTIMORE BEAR LAKE BENNETT CREEK BERTHOUD FALLS BIG SOUTH BOULDER FALLS CAMERON PASS CHAMBERS LAKE COMO COPELAND LAKE DEADMAN HILL DEER RIDGE ELEVEN MILE EMPIRE GENEVA PARK HIDDEN VALLEY HOOSIER PASS HORSESHOE MT. HOURGLASS LAKE JEFFERSON CREEK JOE WRIGHT LAKE ELDORA LONGS PEAK LOVELAND PASS MOSQUITO CREEK NIWOT PINE CREEK SUNDANCE TWO MILE UNIVERSITY CAMP WARD WESTON WILD BASIN WILLOW PARK	05J03 05J25 05J01 05J02 05K25 05J18S 05J17 05L07 05K10 05K11 05K11 05K08 05J11 05K08 05J37S 05J41S 05J41S 05J42S 05J42S 05J31 05K22	9,000 8,590 9,600 9,750 9,480 11,400 11,200 9,360 10,280 10,120 9,700 10,500 10,500 11,000 9,910 7,900 11,100 10,500 10,300 9,500 9,300 9,600	38°55' 38°59' 39°54' 40°18' 40°39' 39°47' 40°31' 40°31' 40°31' 40°23' 38°57' 39°30' 40°23' 39°22' 39°32' 40°34' 39°31' 40°34' 39°56' 40°31' 39°56' 40°31' 39°56' 40°31' 39°41' 39°31' 40°22' 40°26' 40°26'	105°58' 105°52' 105°34' 105°37' 105°49' 105°49' 105°53' 105°55' 105°55' 105°34' 105°34' 105°37' 105°37' 105°37' 105°37' 105°37' 105°35' 105°35' 105°35' 105°35' 105°35' 105°35' 105°35' 105°36' 105°36' 105°36' 105°36' 105°36' 105°36' 105°36' 105°36' 105°36' 105°36' 105°36' 105°36' 105°36' 105°36' 105°36' 105°36' 105°36' 105°36'	14 22 5 14 18 16 33 28 2 5 17 21 22 21 23 13 8 18 14 35 29 32 27 82 21 21 22 21 21 22 21 21 21 21 21 21 21	13S 12S 4N 8N 3S 8N 10N 5N 13S 6S 10S 7N 1N 4N 4S 9N 1N 1S 1N 1S 1S 1S 1S 1S 1S 1S 1S 1S 1S 1S 1S 1S	77W 76W 76W 73W 75W 75W 75W 76W 75W 76W 75W 76W 75W 76W 78W 78W 78W 78W 78W 78W 78W 78W 78W 78	SC SC SC SC SC SC SC SC SC SC

## SITE CONFIGURATION

SC = SNOW COURSE

S = SNOW PILLOW



# SOUTH PLATTE RIVER BASIN COLORADO



0 25 50 75 MI 0 50 100 KM

SOURCE: Information provided by SCS Snow Survey Personnel.

FORMERLY 7-L-22022-1A FEBRUARY 1987 4-R-39395

## LIST AND LOCATION OF SNOW COURSES AND SNOTEL SITES IN THE ARKANSAS RIVER BASIN IN COLORADO

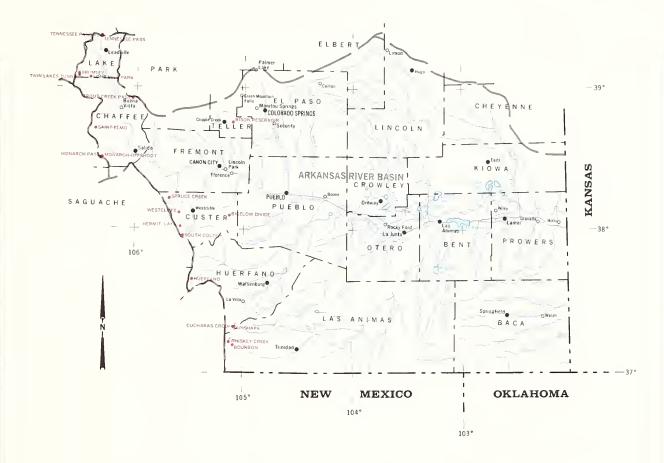
#### SITE CONFIGURATION

SC = SNOW COURSE

S = SNOW PILLOW

P = PRECIPITATION GAGE

T = AIR TEMPERATURE





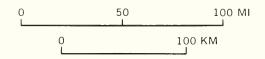
**LEGEND** 

- BASIN BOUNDARY

— - — COUNTY BOUNDARY

SNOW DATA MEASURING SITE

# ARKANSAS RIVER BASIN COLORADO





SOURCE: Information provided by SCS Snow Survey Personnel.

FORMERLY 7-L-22022-2A FEBRUARY 1987 4-R-39396

## LIST AND LOCATION OF SNOW COURSES AND SNOTEL SITES IN THE UPPER RIO GRANDE BASIN IN COLORADO

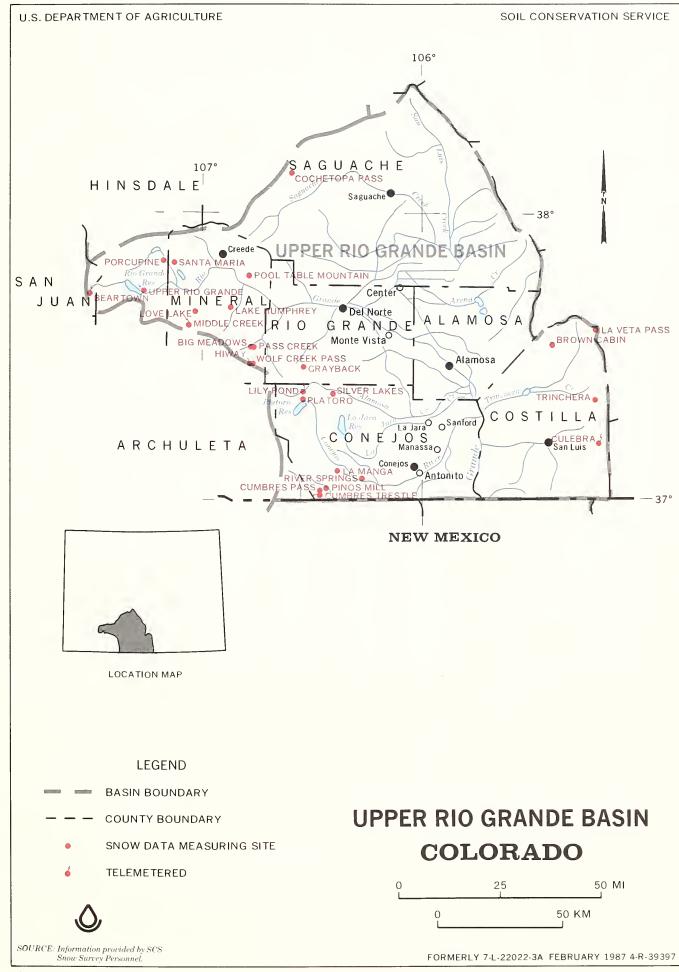
SITE NAME	SITE NO. E	ELEV. LAT.	LONG.	SEC.	TWP.	RANGE	SITE CONFIGU- RATION
NAME  BEARTOWN BIG MEADOWS BROWN CABIN COCHETOPA PASS CULEBRA CUMBRES PASS CUMBRES TRESTLE GRAYBACK HIWAY LAKE HUMPHREY LA MANGA LA VETA PASS LILY POND LOVE LAKE MIDDLE CREEK PASS CREEK PINOS MILL PLATORO	07M32S 11 06M25 9 05M04 9 06L06 10 05M03S 10 06M07 10 06M22S 10 06M21 11 06M19 10 06M15 9 06M11 10 05M01 9 6M23S 11 07M10 10 07M21S 11 06M18 9 06M24 10 06M09 9	3,600 37°43' 3,360 37°32' 3,600 37°33' 3,000 38°09' 3,500 37°12' 3,020 37°01' 3,040 37°01' 3,600 37°28' 3,700 37°28' 3,200 37°40' 3,120 37°05' 3,440 37°35' 3,000 37°33' 3,300 37°33' 3,300 37°33' 3,900 37°21'	107°30' 106°47' 105°24' 106°35' 105°12' 106°27' 106°32' 106°47' 106°52' 106°52' 106°33' 107°01' 107°02' 106°46' 106°25' 106°33'	22 17  13  7 18 10 5 33 13 22 10 6 24 16 4 22	40N 38N  45S  32N 32N 37N 40N 33N 28S 36N 39N 39N 38N 32N 36N	6W 2E  3E  5E 4E 2E 1E 5E 70W 4E 1W 2E 5E 4E	RATION  S,P,T SC SC SC,S,P,T SC SC,S,P,T SC
POOL TABLE MT. PORCUPINE RIVER SPRINGS SANTA MARIA SILVER LAKES TRINCHERA UPPER RIO GRANDE WOLF CREEK PASS	07M20 10 06M05 9 07M17 9 06M04 9 05M08 10 07M16\$ 9	37°48'         37°50'         37°50'         37°04'         37°49'         37°22'         37°21'         37°43'         37°28'	107°10' 106°16' 107°07' 106°24' 105°13' 107°15'	19 2 25 8 15  13 4	41N 41N 33N 41N 36N  40N 37N	2E 3W 6E 2W 5E  4W 2E	SC SC SC SC SC SC,S,P,T SC

## SITE CONFIGURATION

SC = SNOW COURSE

S = SNOW PILLOW

P = PRECIPITATION GAGE



## LIST AND LOCATION OF SNOW COURSES AND SNOTEL SITES IN THE LOWER RIO GRANDE BASIN IN NEW MEXICO

SITE NAME	SITE NO.	ELEV.	LAT.	LONG.	SEC.	TWP.	RANGE	SITE CONFIGU- RATION
		9,320 9,300 10,000 8,800 7,820 8,400 9,600 8,250 9,800 9,500 10,600 8,700 10,600 8,200 9,300 8,400 9,520 8,400 9,520 8,400 9,500 9,500 9,500 9,500 9,500 9,500 9,500 9,500 9,500 9,500 9,500 9,500 8,400 8,4	36°04' 36°31' 35°48' 35°44' 36°57' 36°57' 36°67' 35°44' 36°43' 36°43' 36°53' 37°00' 35°10' 36°24' 35°50' 36°38' 35°50' 35°55' 36°42' 35°48' 35°52' 35°50' 36°00' 36°00'	105°27' 106°19' 105°49' 105°31' 106°40' 106°39' 105°32' 105°33' 105°22' 106°16' 106°16' 105°15' 108°11' 105°40' 106°10' 106°23' 105°20' 106°24' 105°48' 105°48' 105°48' 105°48' 106°24' 106°50' 106°50'	9 5 17 1 31 31 22 8 27 8 25 7  23 10 27 23 24 34 34 33 33 33	21N 26N 18N 17N 31N 32N 22N 17N 23N 28N 29N 19N  11N 25N 11N 20N 28N 11N 20N 28N 12N 12N 28N 12N 28N 12N 28N 11N 28N 11N 25N 11N 25N 11N 25N 25N 11N 25N 25N 25N 26N 26N 26N 26N 26N 26N 26N 26N 26N 26	14E 6E 11E 13E 3E 13E 13E 15E 15E 15E 15E 12E 13W 15E 15E 14W 11E 75E 14W 11E 75E 11E	RATION  SC SC,S,P,T SC,P SC,S,P,T SC,P SC,S,P,T SC,P SC,S,P,T SC,P SC,S,P,T
TAOS CAYNON TRES RITOS WESNER SPRINGS	05N02 05N04 05P08	9,100 8,600 11,120	36°24' 36°08' 35°46'	105°20' 105°32' 105°32'	10 23 23	25N 22N 18N	15E 13E 13E	SC SC,P

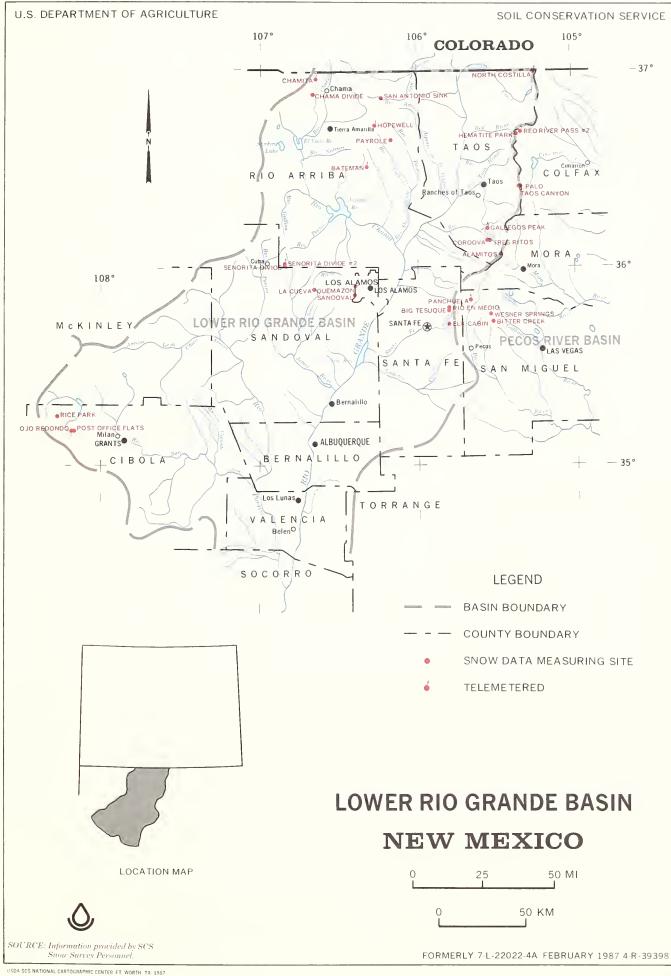
## SITE CONFIGURATION

SC = SNOW COURSE

S = SNOW PILLOW

P = PRECIPITATION GAGE

T = AIR TEMPERATURE



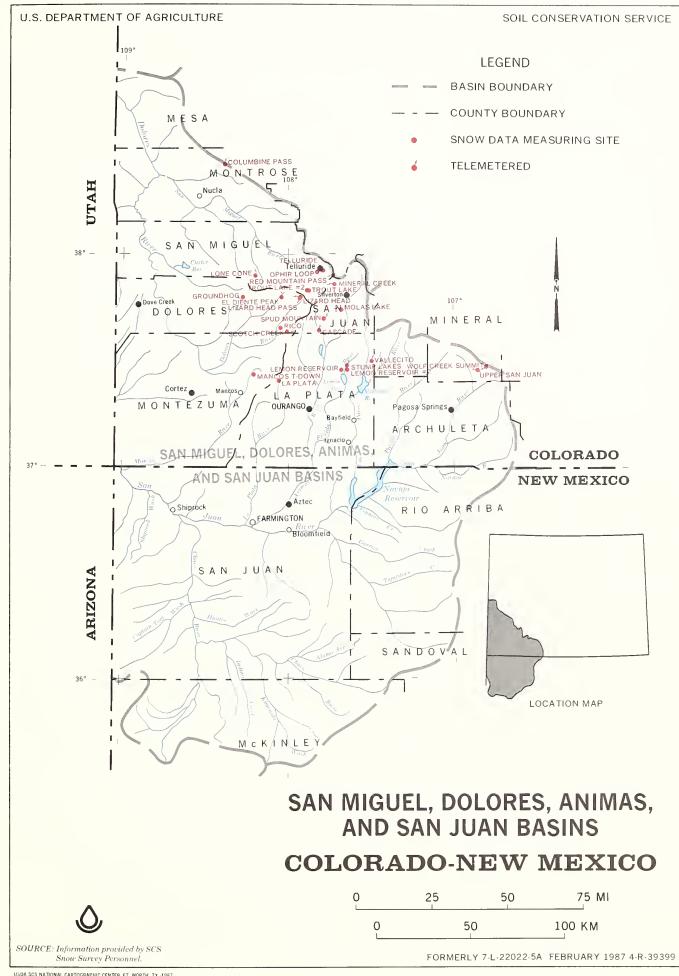
# LIST AND LOCATION OF SNOW COURSES AND SNOTEL SITES IN THE SAN MIGUEL, DOLORES, ANIMAS AND SAN JUAN RIVER BASINS IN COLORADO AND NEW MEXICO

SITE NAME	SITE NO.	ELEV.	LAT.	LONG.	SEC.	TWP.	RANGE	SITE CONFIGU- RATION
DOLORES RIVER								
COLUMBINE PASS EL DIENTE PEAK GROUNDHOG LIZARD HEAD LIZARD HEAD PASS LONE CONE OPHIR LOOP RED MOUNTAIN PASS RICO SCOTCH CREEK TELLURIDE TROUT LAKE TROUT LAKE	08M07S 07M18	8,940 10,200 10,200	38°26' 37°48' 37°48' 37°48' 37°54' 37°54' 37°53' 37°40' 37°39' 37°56' 37°50'	108°22' 108°03' 108°16' 107°56' 107°56' 108°11' 107°49' 107°43' 108°02' 108°01' 107°48' 107°53'	14 24 23 24 24 16 11 14 11 18 6 8	48N 41N 41N 41N 42N 42N 42N 42N 39N 39N 42N 41N 41N	14W 11W 13W 10W 10W 12W 9W 8W 11W 10W 8W 9W	SC,S,P,T S,P,T SC SC SC,S,P,T SC,S,P,T SC S,P,T SC S,P,T SC S,P,T SC SC
SAN JUAN RIVER								
CASCADE LA PLATA LEMON RESERVOIR LEMON RESERVOIR #2 MANCOS T-DOWN MINERAL CREEK MOLAS LAKE SPUD MOUNTAIN STUMP LAKES UPPER SAN JUAN VALLECITO WOLF CREEK SUMMIT	07M12S 07M11S 07M34S 06M03S 07M31S	8,880 9,340 8,700 10,000 10,000 10,040 10,500 10,660 11,200 10,200 10,880 11,000	37°39' 37°25' 37°27' 37°26' 37°51' 37°42' 37°29' 37°29' 37°30' 37°28'	107°48' 108°03' 107°40' 107°39' 108°10' 107°43' 107°46' 107°38' 106°49' 107°30' 106°48'	13 3 19 21 29 35 7 30 15 10 2	39N 36N 37N 37N 37N 42N 40N 40N 37N 37N 37N 37N	9W 11W 7W 7W 12W 8W 7W 8W 7W 1E 6W 2E	SC,S,P,T SC SC SC SC,S,P,T SC,S,P,T SC,S,P,T SC,S,P,T SC,S,P,T SC,S,P,T

#### SITE CONFIGURATION

SC = SNOW COURSE

S = SNOW PILLOW



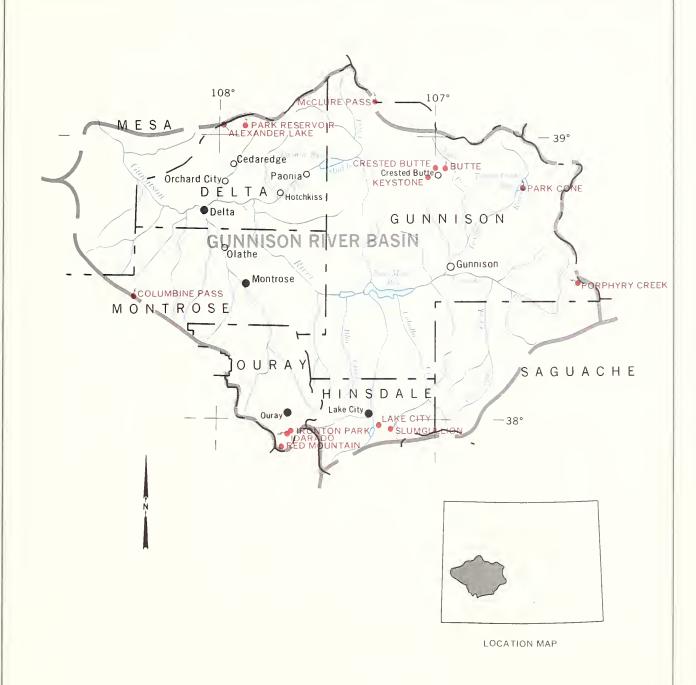
## LIST AND LOCATION OF SNOW COURSES AND SNOTEL SITES IN THE GUNNISON RIVER BASIN IN COLORADO

SITE NAME	SITE NO.	ELEV.	LAT.	LONG.	SEC.	TWP.	RANGE	SITE CONFIGU- RATION
ALEXANDER LAKE BUTTE COLUMBINE PASS CRESTED BUTTE IDARADO IRONTON PARK KEYSTONE LAKE CITY MCCLURE PASS PARK CONE PARK RESERVOIR PORPHYRY CREEK	07K03 06L11S 08L02S 07L01 07M27S 07M06 07L04 07M08 07K09S 06L02S 07K06S	10,160 10,160 9,400 8,920 9,800 9,600 9,960 10,160 9,500 9,600 9,960 10,760	39°02' 38°53' 38°53' 38°53' 37°56' 37°58' 38°52' 37°59' 39°07' 38°49' 39°02' 38°29'	107°58' 106°57' 108°22' 107°00' 107°40' 107°39' 107°15' 107°17' 106°35' 107°52' 106°20'	2 25 14 28 31 29 6 13 1 19 3	12S 13S 48N 13S 43N 43N 14S 43N 11S 14S 12S 49N	95W 86W 14W 86W 7W 7W 86W 4W 89W 82W 94W	SC SC,S,P,T SC,S,P,T SC SC,S,P,T SC SC SC,S,P,T SC,S,P,T SC,S,P,T
RED MOUNTAIN SLUMGULLION	07M15 07M30S	11,020 11,440	37°54' 37°59'	107°42' 107°12'	13 16	42N 43N	3W	SC S,P,T

#### SITE CONFIGURATION

SC = SNOW COURSE

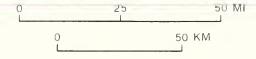
S = SNOW PILLOW P = PRECIPITATION GAGE T = AIR TEMPERATURE



#### **LEGEND**

- BASIN BOUNDARY
- - COUNTY BOUNDARY
  - SNOW DATA MEASURING SITE

# GUNNISON RIVER BASIN COLORADO



SOURCE: Information provided by SCS Snow Survey Personnel.

FORMERLY 7-L-22022-6A FEBRUARY 1987 4-R-39400

## LIST AND LOCATION OF SNOW COURSES AND SNOTEL SITES IN THE COLORADO RIVER BASIN IN COLORADO

SITE NAME	SITE NO.	ELEV.	LAT.	LONG.	SEC.	TWP.	RANGE	SITE CONFIGU- RATION
ARROW BERTHOUD PASS BERTHOUD SUMMIT BLUE RIVER COPPER MOUNTAIN FREMONT PASS GLEN MAR RANCH GORE PASS GRANBY GRAND LAKE GRIZZLY PEAK JONES PASS LAKE IRENE LAPLAND LYNX PASS MCKENZIE GULCH MIDDLE FORK CAMPGROUND MILNER PASS NAVAL OILSHALE N. INLET GRAND LAKE PANDO PHANTOM VALLEY RANCH CREEK SHRINE PASS SNAKE RIVER STILLWATER CREEK SUMMIT RANCH UTE PASS VAIL MOUNTAIN VASQUEZ WEST FORK PARACHUTE WILLOW CREEK PASS	05K06S 05K03 05K14S 06K21 06K24S 06K08S 06K20 06J11 05J16 05J19 05K07 06J06S 06K28 06K12 05J24 07K10S 05K12 05J09 06K19 05K18 06K19 05K18 06K19 05K18 06K19 05K18 06K19 05K18 06K19 05K18 06K19 06K19 05K18 06K19	10,500 10,500 11,400 8,750 9,400 8,600 11,100 10,400 10,700 9,300 8,880 8,500 9,000 9,750 8,800 9,000 9,500 9,030 9,500 9,030 9,400 10,000 8,720 9,400 9,550	39°55' 39°48' 39°48' 39°29' 39°22' 39°51' 40°05' 40°05' 40°15' 39°30' 39°46' 40°25' 39°30' 39°36' 40°24' 39°56' 39°36' 40°24' 39°56' 39°38' 40°13' 39°43' 39°43' 39°38' 40°21'	105°45' 105°46' 106°03' 106°12' 106°04' 106°32' 105°59' 105°59' 105°59' 105°59' 105°59' 105°59' 105°51' 106°45' 106°20' 105°51' 105°51' 106°31' 105°55' 106°20' 105°55' 106°20' 105°55' 106°20' 105°55' 106°20' 105°55' 106°31'	34 35 10 36 36 33 30 2 11 31 2 28 8 9 2 30 16 7 21 26 10 18 24 16 9 16 7 2 16 7 2 7 2 7 2 7 2 7 2 7 2 7 2 7 2 7 2 7	1S 2S 76 8S 2N N S 2N S 2N S 5N S N S N S N S N S N S N S N S N S	75W 75W 775W 779W 775W 776W 776W 776W 775W 776W 776W 776	SC,S,P,T SC,
PLATEAU CREEK MESA LAKES	08K04S	10,000	39°03'	108°05	35	115	96W	SC,S,P,T
ROARING FORK HAGERMAN TUNNEL IND. PASS IVANHOE KILN LIFT NAST LAKE NORTH LOST TRAIL SCHOFIELD PASS	06K42S 06K04S 06K10 06K30S 06K27 06K06S 07K01S 07K11S	10,600 10,400 9,600 11,250 8,700 9,200	39°16' 39°04' 39°17' 39°19' 39°09' 39°18' 39°04' 39°01'	106°30' 106°36' 106°36' 106°36' 106°36' 107°08' 107°03'	19 24 12 36 30 1 19 18	9S 11S 9S 8S 10S 9S 11S 12S	81W 83W 82W 83W 84W 83W 87W	SC,S,P,T SC,S,P,T SC SC,S,P,T SC SC,S,P,T SC,S,P,T S,P,T

## SITE CONFIGURATION

SC = SNOW COURSE S = SNOW PILLOW



- SNOW DATA MEASURING SITE
- TELEMETERED

# COLORADO COLORADO

25

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SOURCE: Information provided by SCS Snow Survey Personnel.

FORMERLY 7-L-22022-7A FEBRUARY 1987 4-R-39401

50 KM

50 MI

## LIST AND LOCATION OF SNOW COURSES AND SNOTEL SITES IN THE YAMPA, WHITE, & NORTH PLATTE RIVER BASIN IN COLORADO

SITE NAME	SITE NO.	ELEV.	LAT.	LONG.	SEC.	TWP.	RANGE	SITE CONFIGU- RATION
NORTH PLATTE								
COLUMBINE LODGE NORTHGATE PARK VIEW	06J03S 06J07 06J02	9,400 8,550 9,160	40°23' 40°56' 40°22'	106°36' 106°17' 106°06'	16 8 25	5N 11N 5N	82W 79W 78W	SC,S,P,T SC SC
WHITE RIVER								
BISON LAKE BURRO MOUNTAIN CATHEDRAL BLUFFS RIO BLANCO RIPPLE CREEK PASS TRAPPER LAKE	07K12S 07K02S 08K02S 07J01 07J05S 07K13S	9,400 8,500 8,500	39°46' 39°53' 39°53' 40°02' 40°07' 40°00'	107°21' 107°36' 108°36' 107°17' 107°18' 107°14'	26 10 10 28 29 2	3S 2S 2S 1N 2N 1S	89W 91W 100W 88W 88W 88W	S,P,T SC,S,P,T S,P,T SC S,P,T S,P,T
YAMPA RIVER								
BUTTER HILL CROSHO DRY LAKE ELKHORN ELK RIVER #2 HAHN'S PEAK RABBIT EARS TOWER YAMPA VIEW	06J37 07J04S 06J01S 06J36 06J15S 06J14 06J09S 06J29S 06J10	7,880 9,100 8,400 8,475 8,700 8,200 9,400 10,500 8,200	40°56' 40°10' 40°32' 40°59' 40°50' 40°47' 40°22' 40°32' 40°21'	106°59' 107°03' 106°47' 106°55' 106°58' 106°55' 106°44' 106°40' 106°46'	12 5 26 21 7 28 29 35 26	11N 2N 7N 12N 10N 10N 5N 7N 5N	86W 86W 84W 85W 85W 85W 83W 83W	SC SC,S,P,T SC,S,P,T SC SC,S,P,T SC SC,S,P,T SC,S,P,T
LARAMIE RIVER								
MCINTYRE ROACH	05J15 06J12S	9,100 9,700	40°47' 40°52'	105°56′ 106°03′	32 5	10N 10N	76W 77W	SC,S,P,T

## SITE CONFIGURATION

SC = SNOW COURSE

S = SNOW PILLOW

